

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

WEST Search History

Hide Items

Restore

Clear

Cancel

DATE: Friday, August 20, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
	<i>DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>		
<input type="checkbox"/>	L113	L111 and ((file\$ or folder\$) near (cleanup or (clean adj1 up) or clean-up or delet\$ or discard\$ or erase or eras\$ or remov\$) near (marker\$ or flag\$))	0
<input type="checkbox"/>	L112	L111 and ((file\$ or folder\$) near (cleanup or (clean adj1 up) or clean-up or delet\$ or discard\$ or erase or eras\$ or remov\$) near (message\$ or (electronic adj1 mail) or e-mail\$))	1
<input type="checkbox"/>	L111	707/206.ccls.	389
<input type="checkbox"/>	L110	L109 and (client\$ or customer\$ or user\$ or server\$)	5
<input type="checkbox"/>	L109	(L107 or L108) and ((file\$ or folder\$) near (discard\$ or purg\$ or cleanup or (clean adj1 up) or clean-up or remov\$ or delet\$) near (e-mail or (electronic adj1 message\$) or message\$))	5
<input type="checkbox"/>	L108	(709/203).ccls.	2284
<input type="checkbox"/>	L107	(707/10).ccls.	3164
<input type="checkbox"/>	L106	L104 and ((file\$ or folder\$) near marker\$)	0
<input type="checkbox"/>	L105	L104 and ((file\$ or folder\$) near flag\$)	2
<input type="checkbox"/>	L104	(L102 or L103) and ((file\$ or folder\$) near (discard\$ or purg\$ or cleanup or (clean adj1 up) or clean-up or remov\$ or delet\$) near (e-mail or (electronic adj1 message\$) or message\$))	41
<input type="checkbox"/>	L103	((file\$ or folder\$) near (cleanup or (clean adj1 up) or clean-up or delet\$ or discard\$ or purge or purg\$ or remove or remov\$))	5107
<input type="checkbox"/>	L102	((file\$ or folder\$) same (cleanup or (clean adj1 up) or clean-up or delet\$ or discard\$ or purge or purg\$ or remove or remov\$))	480442
	<i>DB=USPT; PLUR=NO; OP=OR</i>		
<input type="checkbox"/>	L101	L97 and ((record\$ or file\$) same flag\$)	76
<input type="checkbox"/>	L100	L96 and (offline or clean).clm.	3
<input type="checkbox"/>	L99	L96 and (offline or clean).ab.	6
<input type="checkbox"/>	L98	L96 and (offline or clean).ti.	2
<input type="checkbox"/>	L97	L96 and (offline or clean)	123
<input type="checkbox"/>	L96	L57 and ((707/\$)!.CCLS.)	748
<input type="checkbox"/>	L95	L93 and (offline or clean)	65
<input type="checkbox"/>	L94	L93 and (offline or clean)	65
<input type="checkbox"/>	L93	L84 and L92	307
<input type="checkbox"/>	L92	L81 and ((file\$ or folder\$) same flag\$)	1627
<input type="checkbox"/>	L91	L85 and (offline or clean)	44

09/407,650

h e b b cg b chh e g f f c e c e

<input type="checkbox"/>	L90	L84 and (offline or clean).ab.	44
<input type="checkbox"/>	L89	L84 and (offline or clean).ti.	7
<input type="checkbox"/>	L88	L83 and (offline or clean).ab.	1
<input type="checkbox"/>	L87	L83 and (offline or clean).ti.	0
<input type="checkbox"/>	L86	L83 and (offline or clean)	196
<input type="checkbox"/>	L85	L83 and L84	217
<input type="checkbox"/>	L84	((707/\$)!.CCLS.))	13458
<input type="checkbox"/>	L83	L82 and (records same flag\$)	956
<input type="checkbox"/>	L82	((delet\$ or discard\$ or remov\$) same flag\$)	12368
<input type="checkbox"/>	L81	((delet\$ or discard\$ or remov\$) same flag)	10200
<input type="checkbox"/>	L80	L79 and (cleanup or (clean adj1 up) or clean-up)	52
<input type="checkbox"/>	L79	L78 and ((flag or flags) same (folder\$ or file\$))	195
<input type="checkbox"/>	L78	L77 and ((file\$ or folder\$) same message\$)	619
<input type="checkbox"/>	L77	L76 and ((delet\$ or discard\$ or remov\$) same message\$)	786
<input type="checkbox"/>	L76	(hierarch\$ same (file\$ or folder\$))	5977
<input type="checkbox"/>	L75	L74 and (cleanup or (clean adj1 up) or clean-up)	2
<input type="checkbox"/>	L74	L73 and ((flag or flags) same (folder\$ or file\$))	14
<input type="checkbox"/>	L73	L72 and ((file\$ or folder\$) same message\$)	57
<input type="checkbox"/>	L72	L71 and ((delet\$ or discard\$ or remov\$) same message\$)	110
<input type="checkbox"/>	L71	((707/100)!.CCLS.))	1546
<input type="checkbox"/>	L70	L69 and (cleanup or (clean adj1 up) or clean-up)	6
<input type="checkbox"/>	L69	L68 and ((flag or flags) same (folder\$ or file\$))	57
<input type="checkbox"/>	L68	L66 and ((file\$ or folder\$) same message\$)	269
<input type="checkbox"/>	L67	L66 and ((delet\$ or discard\$ or remov\$) same message\$)	151
<input type="checkbox"/>	L66	((707/1)!.CCLS.))	1591
<input type="checkbox"/>	L65	L63 and ((flag or flags) same (folder\$ or file\$))	24
<input type="checkbox"/>	L64	L63 and (cleanup or (clean adj1 up) or clean-up)	9
<input type="checkbox"/>	L63	L62 and ((file\$ or folder\$) same message\$)	237
<input type="checkbox"/>	L62	((delet\$ or discard\$ or remov\$) same message\$.ab.	1008
<input type="checkbox"/>	L61	((delet\$ or discard\$ or remov\$) same message\$.ti.	27
<input type="checkbox"/>	L60	((delet\$ or discard\$ or remov\$) same message\$)	21922
<input type="checkbox"/>	L59	L58 and (cleanup or (clean adj1 up) or clean-up)	151
<input type="checkbox"/>	L58	L55 and ((discard\$ or delet\$ or remov\$) same flag)	846
<input type="checkbox"/>	L57	((discard\$ or delet\$ or remov\$) same flag)	10200
<input type="checkbox"/>	L56	L55 and (flag same message\$)	1520
<input type="checkbox"/>	L55	L54 and (message\$ same (file\$ or folder\$))	5996
<input type="checkbox"/>	L54	((discard\$ or delet\$ or remov\$) same message\$)	21922
		(L50 or L51 or L52) and ((clean-up or (clean adj1 up) or cleanup) same	

<input type="checkbox"/>	L53	(folder\$ or file\$)	1
<input type="checkbox"/>	L52	whitney-david-c.in.	3
<input type="checkbox"/>	L51	sherman-roman.in.	8
<input type="checkbox"/>	L50	mansour-peter-m.in.	4
<input type="checkbox"/>	L49	mansour-peter.in.	0
<input type="checkbox"/>	L48	L44 and ((record\$ or file\$) same flag\$)	76
<input type="checkbox"/>	L47	L43 and (offline or clean).clm.	3
<input type="checkbox"/>	L46	L43 and (offline or clean).ab.	6
<input type="checkbox"/>	L45	L43 and (offline or clean).ti.	2
<input type="checkbox"/>	L44	L43 and (offline or clean)	123
<input type="checkbox"/>	L43	L4 and ((707/\$)!.CCLS.)	748
<input type="checkbox"/>	L42	L40 and (offline or clean)	65
<input type="checkbox"/>	L41	L40 and (offline or clean)	65
<input type="checkbox"/>	L40	L31 and L39	307
<input type="checkbox"/>	L39	L28 and ((file\$ or folder\$) same flag\$)	1627
<input type="checkbox"/>	L38	L32 and (offline or clean)	44
<input type="checkbox"/>	L37	L31 and (offline or clean).ab.	44
<input type="checkbox"/>	L36	L31 and (offline or clean).ti.	7
<input type="checkbox"/>	L35	L30 and (offline or clean).ab.	1
<input type="checkbox"/>	L34	L30 and (offline or clean).ti.	0
<input type="checkbox"/>	L33	L30 and (offline or clean)	196
<input type="checkbox"/>	L32	L30 and L31	217
<input type="checkbox"/>	L31	((707/\$)!.CCLS.)	13458
<input type="checkbox"/>	L30	L29 and (records same flag\$)	956
<input type="checkbox"/>	L29	((delet\$ or discard\$ or remov\$) same flag\$)	12368
<input type="checkbox"/>	L28	((delet\$ or discard\$ or remov\$) same flag)	10200
<input type="checkbox"/>	L27	L26 and (cleanup or (clean adj1 up) or clean-up)	52
<input type="checkbox"/>	L26	L25 and ((flag or flags) same (folder\$ or file\$))	195
<input type="checkbox"/>	L25	L24 and ((file\$ or folder\$) same message\$)	619
<input type="checkbox"/>	L24	L23 and ((delet\$ or discard\$ or remov\$) same message\$)	786
<input type="checkbox"/>	L23	(hierarch\$ same (file\$ or folder\$))	5977
<input type="checkbox"/>	L22	L21 and (cleanup or (clean adj1 up) or clean-up)	2
<input type="checkbox"/>	L21	L20 and ((flag or flags) same (folder\$ or file\$))	14
<input type="checkbox"/>	L20	L19 and ((file\$ or folder\$) same message\$)	57
<input type="checkbox"/>	L19	L18 and ((delet\$ or discard\$ or remov\$) same message\$)	110
<input type="checkbox"/>	L18	((707/100)!.CCLS.)	1546
<input type="checkbox"/>	L17	L16 and (cleanup or (clean adj1 up) or clean-up)	6

<input type="checkbox"/>	L16	L15 and ((flag or flags) same (folder\$ or file\$))	57
<input type="checkbox"/>	L15	L13 and ((file\$ or folder\$) same message\$)	269
<input type="checkbox"/>	L14	L13 and ((delet\$ or discard\$ or remov\$) same message\$)	151
<input type="checkbox"/>	L13	((707/1)!.CCLS.))	1591
<input type="checkbox"/>	L12	L10 and ((flag or flags) same (folder\$ or file\$))	24
<input type="checkbox"/>	L11	L10 and (cleanup or (clean adj1 up) or clean-up)	9
<input type="checkbox"/>	L10	L9 and ((file\$ or folder\$) same message\$)	237
<input type="checkbox"/>	L9	((delet\$ or discard\$ or remov\$) same message\$).ab.	1008
<input type="checkbox"/>	L8	((delet\$ or discard\$ or remov\$) same message\$).ti.	27
<input type="checkbox"/>	L7	((delet\$ or discard\$ or remov\$) same message\$)	21922
<input type="checkbox"/>	L6	L5 and (cleanup or (clean adj1 up) or clean-up)	151
<input type="checkbox"/>	L5	L2 and ((discard\$ or delet\$ or remov\$) same flag)	846
<input type="checkbox"/>	L4	((discard\$ or delet\$ or remov\$) same flag)	10200
<input type="checkbox"/>	L3	L2 and (flag same message\$)	1520
<input type="checkbox"/>	L2	L1 and (message\$ same (file\$ or folder\$))	5996
<input type="checkbox"/>	L1	((discard\$ or delet\$ or remov\$) same message\$)	21922

END OF SEARCH HISTORY

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.8

 Welcome
 United States Patent and Trademark Office


>> Se.

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **5** of **1062489** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Progressive multimedia MUD system design and performance simul
Yu-Chang Chen; Sing-Liang Chen; Ann-Yo Jeng; Wen-Shyong Hsieh;
 Consumer Electronics, IEEE Transactions on , Volume: 43 , Issue: 4 , Nov. 1995
 Pages:1280 - 1290

[\[Abstract\]](#) [\[PDF Full-Text \(704 KB\)\]](#) IEEE JNL

2 I have seen the future: it is flooded with email
Reisman, S.;
 Software, IEEE , Volume: 12 , Issue: 3 , May 1995
 Pages:111 - 112

[\[Abstract\]](#) [\[PDF Full-Text \(196 KB\)\]](#) IEEE JNL

3 Supporting insertions and deletions in striped parallel filesystems
Johnson, T.;
 Parallel Processing Symposium, 1993., Proceedings of Seventh International ,
 16 April 1993
 Pages:425 - 433

[\[Abstract\]](#) [\[PDF Full-Text \(680 KB\)\]](#) IEEE CNF

4 Cryptography-a state of the art review
Meyer, C.H.;
 CompEuro '89., 'VLSI and Computer Peripherals. VLSI and Microelectronic
 Applications in Intelligent Peripherals and their Interconnection Networks',
 Proceedings. , 8-12 May 1989
 Pages:4/150 - 4/154

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) IEEE CNF

09/409,650

h eee e eee g e ch e ch e e c e e e c e

5 **Fast retrieval of electronic messages that contain mistyped words o
spelling errors**

Wang, J.T.-L.; Chia-Yo Chang;

Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 27 , I
3 , June 1997

Pages:441 - 451

[\[Abstract\]](#) [\[PDF Full-Text \(624 KB\)\]](#) **IEEE JNL**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) |
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online](#)
[Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

files and delete and message and discard and e-mail and flag



THE ACM DIGITAL LIBRARY



[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used

Found 16,680 of
141,345

files and delete and message and discard and e mail and flag and purge and clean up

Sort results
by

relevance



Save results to a Binder

Try an Advanced Search

Display
results

expanded form



Search Tips

Try this search in The ACM Guide

☐ Open results in a new
window

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐

1 Illustrative risks to the public in the use of computer systems and related technology

Peter G. Neumann

January 1996 **ACM SIGSOFT Software Engineering Notes**, Volume 21 Issue 1

Full text available: [pdf\(2.54 MB\)](#)

Additional Information: [full citation](#)

2 Distributed operating systems

Andrew S. Tanenbaum, Robbert Van Renesse

December 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 4

Full text available: [pdf\(5.49 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Distributed operating systems have many aspects in common with centralized ones, but they also differ in certain ways. This paper is intended as an introduction to distributed operating systems, and especially to current university research about them. After a discussion of what constitutes a distributed operating system and how it is distinguished from a computer network, various key design issues are discussed. Then several examples of current research projects are examined in some detail ...

3 Form management

D. Tschritzis

July 1982 **Communications of the ACM**, Volume 25 Issue 7

Full text available: [pdf\(2.78 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper consists of three interrelated parts. In the first part forms are introduced as an abstraction and generalization of business paper forms. A set of facilities for the manipulation of forms and their contents is outlined. Forms can be created, stored, found, viewed in different media, mailed, and located by office workers. Data on forms can also be processed in a completely integrated way. The facilities are discussed both abstractly and in relation to a prototype ...

Keywords: database management, office modeling, office procedures

4 With microscope and tweezers: the worm from MIT's perspective

09/407650

h c g e c f c

Jon A. Rochlis, Mark W. Eichen

June 1989 **Communications of the ACM**, Volume 32 Issue 6

Full text available:  [pdf\(1.22 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The actions taken by a group of computer scientists at MIT during the worm invasion represents a study of human response to a crisis. The authors also relate the experiences and reactions of other groups throughout the country, especially in terms of how they interacted with the MIT team.

5 Columns: Risks to the public in computers and related systems

Peter G. Neumann

March 2002 **ACM SIGSOFT Software Engineering Notes**, Volume 27 Issue 2


Full text available:  [pdf\(1.54 MB\)](#)

Additional Information: [full citation](#)

6 Design, implementation, and performance measurement of a native-mode ATM transport layer (extended version)

R. Ahuja, S. Keshav, H. Saran

August 1996 **IEEE/ACM Transactions on Networking (TON)**, Volume 4 Issue 4

Full text available:  [pdf\(1.66 MB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: AAL 5, asynchronous transfer mode, native-mode ATM, personal computer, transport layer

7 APL2 and SQL (tutorial session): a tutorial

Nancy Wheeler

August 1989 **Proceedings of the ACM/SIGAPL conference on APL as a tool of thought (session tutorials)**


Full text available:  [pdf\(1.97 MB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

8 Qt GUI Toolkit: Porting graphics to multiple platforms using a GUI toolkit

Eirik Eng

November 1996 **Linux Journal**

Full text available:  [html\(36.64 KB\)](#)

Additional Information: [full citation](#), [index terms](#)

9 Information and control in gray-box systems

Andrea C. Arpaci-Dusseau, Remzi H. Arpaci-Dusseau

October 2001 **ACM SIGOPS Operating Systems Review , Proceedings of the eighteenth ACM symposium on Operating systems principles**, Volume 35 Issue 5

Full text available:  [pdf\(1.59 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


In modern systems, developers are often unable to modify the underlying operating system. To build services in such an environment, we advocate the use of *gray-box* techniques. When treating the operating system as a gray-box, one recognizes that not changing the OS restricts, but does not completely obviate, both the *information* one can acquire about the internal state of the OS and the *control* one can impose on the OS. In this paper, we

develop and investigate three gray-bo ...

10 Automatic reconfiguration in Autonet

Thomas L. Rodeheffer, Michael D. Schroeder

September 1991 **ACM SIGOPS Operating Systems Review , Proceedings of the thirteenth ACM symposium on Operating systems principles**, Volume 25 Issue 5

Full text available:  [pdf\(1.90 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Autonet is a switch-based local area network using 100 Mbit/s full-duplex point-to-point links. Crossbar switches are interconnected to other switches and to host controllers in an arbitrary pattern. Switch hardware uses the destination address in each packet to determine the proper outgoing link for the next step in the path from source to destination. Autonet automatically recalculates these forwarding paths in response to failures and additions of network components. This automatic reconfigur ...

11 The KScalar simulator

J. C. Moure, Dolores I. Rexachs, Emilio Luque

March 2002 **Journal on Educational Resources in Computing (JERIC)**, Volume 2 Issue 1

Full text available:  [pdf\(493.35 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Modern processors increase their performance with complex microarchitectural mechanisms, which makes them more and more difficult to understand and evaluate. KScalar is a graphical simulation tool that facilitates the study of such processors. It allows students to analyze the performance behavior of a wide range of processor microarchitectures: from a very simple in-order, scalar pipeline, to a detailed out-of-order, superscalar pipeline with non-blocking caches, speculative execution, and comp ...

Keywords: Education, pipelined processor simulator

12 Papers from Hotnets-II: Unveiling the transport

Jeffrey Mogul, Lawrence Brakmo, David E. Lowell, Dinesh Subhraveti, Justin Moore

January 2004 **ACM SIGCOMM Computer Communication Review**, Volume 34 Issue 1

Full text available:  [pdf\(120.97 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

Traditional application programming interfaces for transport protocols make a virtue of hiding most internal per-connection state. We argue that this information-hiding precludes many potentially useful application features and performance optimizations. We advocate a disciplined, portable, and secure interface that gives applications both "get" and "set" access to transport connection state.

13 Status report of the graphic standards planning committee

Computer Graphics staff

August 1979 **ACM SIGGRAPH Computer Graphics**, Volume 13 Issue 3


Full text available:  [pdf\(15.01 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#)

14 A quantitative analysis of cache policies for scalable network file systems

Michael D. Dahlin, Clifford J. Mather, Randolph Y. Wang, Thomas E. Anderson, David A. Patterson


May 1994 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 1994 ACM SIGMETRICS conference on Measurement and modeling of computer systems**, Volume 22 Issue 1

Full text available:  [pdf\(1.42 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Current network file system protocols rely heavily on a central server to coordinate file activity among client workstations. This central server can become a bottleneck that limits scalability for environments with large numbers of clients. In central server systems such as NFS and AFS, all client writes, cache misses, and coherence messages are handled by the server. To keep up with this workload, expensive server machines are needed, configured with high-performance CPUs, memory systems, ...

15 FLIP: an internetwork protocol for supporting distributed systems


M. Frans Kaashoek, Robbert van Renesse, Hans van Staveren, Andrew S. Tanenbaum
February 1993 **ACM Transactions on Computer Systems (TOCS)**, Volume 11 Issue 1

Full text available:  [pdf\(2.29 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Most modern network protocols give adequate support for traditional applications such as file transfer and remote login. Distributed applications, however, have different requirements (e.g., efficient at-most-once remote procedure call even in the face of processor failures). Instead of using ad hoc protocols to meet each of the new requirements, we have designed a new protocol, called the Fast Local Internet Protocol (FLIP), that provides a clean and simple integrated approach to these new ...


16 Status report of the graphic standards planning committee of ACM/SIGGRAPH: State-of-the-art of graphic software packages

Computer Graphics staff
September 1977 **ACM SIGGRAPH Computer Graphics**, Volume 11 Issue 3

Full text available:  [pdf\(9.03 MB\)](#)Additional Information: [full citation](#), [references](#)

17 The LOCUS distributed operating system

Bruce Walker, Gerald Popek, Robert English, Charles Kline, Greg Thiel
October 1983 **ACM SIGOPS Operating Systems Review , Proceedings of the ninth ACM symposium on Operating systems principles**, Volume 17 Issue 5

Full text available:  [pdf\(1.89 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

LOCUS is a distributed operating system which supports transparent access to data through a network wide filesystem, permits automatic replication of storage, supports transparent distributed process execution, supplies a number of high reliability functions such as nested transactions, and is upward compatible with Unix. Partitioned operation of subnet's and their dynamic merge is also supported. The system has been operational for about two years at UCLA a ...

18 Consulting through electronic mail

Elizabeth R. Pohlhaus
November 1997 **Proceedings of the 25th annual ACM SIGUCCS conference on User services: are you ready?**

Full text available:  [pdf\(814.86 KB\)](#)Additional Information: [full citation](#), [index terms](#)

19 Industrial sessions: beyond relational tables: Coordinating backup/recovery and data consistency between database and file systems

Suparna Bhattacharya, C. Mohan, Karen W. Brannon, Inderpal Narang, Hui-I Hsiao, Mahadevan Subramanian

June 2002 **Proceedings of the 2002 ACM SIGMOD international conference on Management of data**

Full text available:  pdf(1.44 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


Managing a combined store consisting of database data and file data in a robust and consistent manner is a challenge for database systems and content management systems. In such a hybrid system, images, videos, engineering drawings, etc. are stored as files on a file server while meta-data referencing/indexing such files is created and stored in a relational database to take advantage of efficient search. In this paper we describe solutions for two potentially problematic aspects of such a data ...

Keywords: DB2, content management, database backup, database recovery, datalinks

20 Where did you put it? Issues in the design and use of a group memory

Lucy M. Berlin, Robin Jeffries, Vicki L. O'Day, Andreas Paepcke, Cathleen Wharton

May 1993 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available:  pdf(1.07 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Collaborating teams of knowledge workers need a common repository in which to share information gathered by individuals or developed by the team. This is difficult to achieve in practice, because individual information access strategies break down with group information—people can generally find things that are on their own messy desks and file systems, but not on other people's. The design challenge in a group memory is thus to enable low-effort informatio ...

Keywords: collaborative work, group conventions, group memory, information search and retrieval, information sharing

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)